Band	Position	Education	Minimum Experience	<u>Technology</u>	<u>Duties</u>	Aptitude Criteria To Qualify For Position	Behavior Criteria To Achieve in Current Job; Required to Advance	Recommended Training for Current Job; Knowledge Required To Advance
5	Network Administrator	BA/BS - Computer Science (CS) or related field	OF EDUCATION & EXPERIENCE Prefer working knowledge with Windows, VMS or Linux OS; although no experience is required	operating systems (both server and PC),		Strong technical aptitude (test) No active personnel difficulties; positive performance	Communication Skills (Written and Verbal) Self motivated	Specific technology and tool training required for the position New MDT employee orientation, New User Orientation
		Associates degree in CS	1-2 years of general technical data center operations/systems management experience		with guidance. Monitors and maintains continuity with system software licensing and maintenance agreements.	reviews over the past two years Working knowledge of PC's and operating systems	Ability to think logically, be creative and use imagination	Documentation - the who/what/where/when/why approach to the HOW
		Non-related Bachelors Degree	1-2 years of general technical data center operations/systems management experience/operations experience		Performs data backups and recoveries. Maintains operations documentation for individual restorability and Disaster Recovery; understands and conducts the tasks associated as duties are assigned Develops and provides security reporting necessary for senior technicians to perform their		Proven problem solver Ability to quickly learn new operating systems or new technology assigned	General Application Development Standards and Processes Security Overview (network, server, database, application, personal computer)
					responsibilities.		Reading comprehension	Software/hardware compatibility awareness and testing
		Non-related Associates Degree	3-4 years of general technical data center operations/systems management experience 5 or more years of general technical data		Completes basic user account administration and monitors file access following identified steps; all unique requests forwarded to senior personnel Maintains shared peripherals (i.e. printers) attached to the network		Active listening Ability to identify problems	MDT Microsoft Project Overview & Web Interface MS Office Skills (Word, Excel, Outlook)
		No Degree	center operations/systems management experience		Conducts application compatibility testing under direct supervision		Ability to plan, organize, gather and conduct research	Keyboarding (Typing)
					Provides next level support and mentoring for user support staff.		Quality, accuracy and attention to detail	Listening Skills
					Writes or contributes to instructions or manuals to guide team mates and/or identified users		Ability to take direction	Unit and System Testing
					Provides status reports/regular updates to supervisor and project lead			
					Seeks help when has questions or concerns Actively interacts with other IS Personnel			
Band	Position	Education	Minimum Experience	Technology	Duties	Aptitude Criteria To Qualify For Position	Behavior Criteria To Achieve in Current Job; Required to Advance	Recommended Training for Current Job; Knowledge Required To Advance
6	Network Administrator		1-2 years of general technical data center operations/systems management experience; exceptions could be granted on a case by case basis (person meets	Technology Prefer knowledge of technology in use at MDT. Currently Database: Oracle, SQL; OS: VMS, Linux, Windows 2003; Network principles & processes, Cisco equipment, VPN, Wireless; Security: AD policies, groups, security realms, file security by OS and DB			All band 5 Associate Technical Analyst behavior criteria + the following:	Requirements Definition (focus on Security rqmts)
			3-4 years of general technical data center	Ability to grasp MDT ISD process requirements and implement documentation standards quickly Demonstrated ability to read technical	Expands server knowledge to include base line knowledge of Web Servers and Application Servers; providing for the maintenance and support of these servers according to detailed documentation. Understands and installs OS Utility Software and completes all server hardware configurations Monitors and tunes the systems to achieve optimum	Experience that clearly demonstrates execution of Band 5 Associate Technical Analyst Duties as defined above.	assigned tasks	Technical training as needed (failure response/recovery - files/servers, etc: specific OS training, tool training - Visio, etc.)
			operations/systems management experience	materials and interpret, comprehend and utilize information obtained.	performance levels. System performance and monitoring routine tasks	Consistently meets deadlines	Prioritizes workload and multi-tasks to Supervisor's satisfaction	High level Disaster Recovery background training
				High level understanding of disaster recovery and business resumption planning as compared/contrasted with high availability across client server platforms.	Ensures data/media recoverability by insuring a schedule of system backups and database archive operations. Supports media management through internal methods and procedures.	Demonstrated responsiveness/follow-through activities	Service Oriented	High level Disaster Recovery Network training
		Non-related Bachelors Degree	3-4 years of general technical data center operations/systems management experience	Requires familiarity with domain structures user authentication and digital signatures	Interfaces with development personnel to understand their security needs and works with more senior staff to identify and implement the changes/processes necessary to accommodate them. Handles routine security access processes. Aids in the investigation, planning, documentation, implementation, and maintenance of disaster recovery plans.	Able to produce appropriate documentation with little correction and in a timely manner Trouble Shooting Skills	Proactively seeks ways to grow and expand technical skills Analytical Thinking	Refresher course on MDT Application Development and SDLC Standards, Program-IT PC Software - patch management; software deployment
			5-6 years of general technical data center operations/systems management experience		Responsible for assisting higher level staff in the testing and analysis of all elements of the network facilities (including power, communications machinery, software, lines, modems, and terminals); implementing changes with guidance.	y	Understands all relevant operations documentation to fulfill on-call rotational duty responsibilities.	More detailed understanding of MDT and its business; how each division is a part of that business

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					Assists users to diagnose and solve data communication problems.		Deductive Reasoning	Entry layel project management
					Aids in the investigation, planning, documentation,		Deductive Reasoning	Entry level project management
					implementation, and maintenance of unique MDT			
					computer hardware (I.e. cameras, bridge deck			
					sprayers, etc.)			Basic Leadership/Team Building
			7 or more years of general technical data		Installs operations system utilities used by more			
		No Degree	center operations/systems management experience		senior personnel for trouble shooting; assists in those efforts.			Further MS Office Training (Power Point, etc.)
		140 Degree	experience		Works on small project efforts, following direction of			dittier wo office Training (Fower Foint, etc.)
					supervisor.			Technical Writing
					Develops approved documentation for duties as			
					assigned.			
					Performs routine maintenance of all servers within a single O/S.			
					Interacts effectively with consultants and vendors on			
					support concerns.			
					Prepares and maintains requisitions for ISD			
					procured hardware/software; completes ITPRs and			
					enters requests in the BUY-IT system for approvals. Assists with training activities			
					Diagnoses hardware & software problems, replaces			
					defective components			
					·		Behavior Criteria To Achieve in Current Job;	Recommended Training for Current Job;
<u>Band</u>	<u>Position</u>	<u>Education</u>	Minimum Experience	Technology	<u>Duties</u>	Aptitude Criteria To Qualify For Position	Required to Advance	Knowledge Required To Advance
				Prefer knowledge of technology in use at MDT. Currently Database: Oracle. SQL:				
				OS: VMS, Linux, Windows 2003; Network:				
				principles & processes, Cisco equipment,				
		BA/BS - Computer	3-4 years of general technical data center	VPN, Wireless; Security: AD policies,				
	Network	Science (CS) or	operations/systems management			All Band 6 Associate Technical Analyst aptitude criteria +		Thorough Project Management Training (techniques
6	Analyst	related field	experience	and DB	following:	the following:	criteria + the following:	and tools) with focus on small projects and estimating
					Responsible for all activities related to systems		Must be able to effectively communicate with	
					administration. Ensures long-term requirements of		senior level staff and management to ensure	
				All Band 6 Associate Technical Analyst		Experience that clearly demonstrates execution of Band 6		
				Technologies plus the following:	in the overall information systems planning of MDT.	Associate Technical Analyst Duties as defined above.	addressed.	Database and Systems Performance and Monitoring
				Basic understanding of networking				
			E.C. vanue of gramaval tanksical data contain	topology, MDT configuration, ITSD	Decreasible for the installation reciptorage			Other Technical training as pended (i.e. petropul)
			5-6 years of general technical data center operations/systems management	configuration, security implications, VPN, wireless environment, fibre, coax, CAT5,	Responsible for the installation maintenance, configuration and integrity of computer systems	Proficient in operations requirements to fulfill on-call		Other Technical training as needed (i.e. network analysis tools, server software distribution tools,
		CS	experience	etc.	software including load balancing.	rotational duty responsibilities.		peculiarities with Server O/S, Scripting, etc.)
				Understanding of database technology -	J	, , , , , , , , , , , , , , , , , , ,	7	рестипутент до том до т
				from both the developers' view and the	Implements or directs the implementation of	Ability to develop clear and accurate scoping		
						documentation for small project efforts and/or position	Describe Oriented	Interest of the Control of the Contr
			5-6 years of general technical data center	(schemas), security implications, etc.	the reliability and performance of the system.	papers detailing pros and cons of a given technology	Results Oriented	Introductory Training on Managing Teams
		Non-related Bachelors	operations/systems management	General understanding of portals; Oracle	Performs more complex testing with 'use case'			
		Degree	experience	forms & reports services	scenarios including recovery failures	Detail oriented	Decision Maker	Mentoring
				Knowledge of at least 2 scripting tools or				
				development languages (Perl, DCL, SQL,	, , , ,	Provides mentoring and guidance to Associate Technical		
				JAVA, HTML, Unix shell, VB)	Assign duties and roles.	Analysts	Networking (individuals and teams)	User Requirements Training
					General Database support including schema			
				Expanded server knowledge to include	migrations (Oracle and SQL); coordinates changes			
			, ,	detailed knowledge of Web Servers;	to computer databases, tests and implements the			
		Non-related	operations/systems management	providing the knowledge and leadership	database applying knowledge of database	Duradicase called Unit and Oceations to at	Decitive Deletionalis to delice	No modification or
		Associates Degree	experience	regarding any unique requirements	management systems; supports Oracle Tools Utilizes problem solving skills to assist developers in		Positive Relationship building	Negotiating
					resolving database problems; seeking guidance			
						Possesses a broad level of understanding regarding		
					Develops an understanding of OS, DB & Network	business divisions and their use of ISD provided	Inductive Reasoning (forms relationships	
				Understands virtual technology	•	technology and applications	amongst seemingly unrelated events)	People Skills (focus on communication)
					Under general supervision, responsible for the			
			9 or more years of general technical data		routine testing and analysis of all elements of the network facilities. Monitors and controls the		Requirements identification (ability to ask the right	
			center operations/systems management		performance and status of the network resources		questions and use observation techniques to draw	
		No Degree	experience		including the LAN, WAN and internet.		out requirements from the business user).	How to train users/customers
					Identifies network areas needing upgrade			Testing (including use case scenarios)
					Develops and writes procedures for installation, use,		Ability to talk in non-technical terms to the	
					trouble shooting of common hardware & software; techniques for approaching unique MDT hardware		Ability to talk in non technical terms to the business user and/or management for them to	
					and software (RWIS, camera equipment, etc.)		understand what you are asking of them.	
					Performs routine maintenance on all servers within		, 22 2. 2 2. 2	
					either of two O/S's (VMS, Linux, Windows) including			
					unique features such as clustering.		Increased role in On-Call support	

	Final Revis							
					Provides patch testing, impact analysis and			
					recommendations for implementation on the PC			
					platform; Business applications security analysis and			
					recommendations		Critical Thinking	
					File Share security - monitors and makes		-	
					recommendations, completes documentation			
					Storage Management - assists in implementations.			
					conducts monitoring usage and performance;			
					recommends options & alternatives as appropriate			
					Develops and implements scripted code to enhance			
					operations processes, web apps, etc.			
					Coordinates with DoA in the administration of			
					Exchange E-mail for the department.			
					Prepares specifications for new equipment, obtains			
					guotes, and ensures accuracy and compatibility with			
					existing systems.			
					Delivers training for staff and users as appropriate			
					Develops understanding of MDT applications and			
					their inter-relationship and impact on the			
					infrastructure.			
					Performs Issue resolution and escalation			
					Recommends changes to improve systems and			
					network configs and determines hardware or			
					software requirements related to those changes.			
					Monitors network, database and/or other			
					performance indicators to determine whether			
					adjustment(s) need to be made on either the short			
					term or longer term			
					Ť			
					Interacts appropriately with consultants and vendors			
					regarding new products or potential products.			
					regarding new products or potential products.		Behavior Criteria To Achieve in Current Job;	Recommended Training for Current Job;
Band	Position	Education	Minimum Experience	Technology	Duties	Aptitude Criteria To Qualify For Position	Required to Advance	Knowledge Required To Advance
Dana	I OSITION	Luucation	5-6 years of general technical data center	reciniology	Daties	Aptitude Officia To Quality For Fosition	riequired to Advance	Knowledge Hequired To Advance
			operations/systems management	Require knowledge of technology in use a	+			
					II.			
			experience and specific skills in one or	MDT. Currently Database: Oracle, SQL;				
			more areas; such as: Security, Database,	OS: VMS, Linux, Windows 2003; Network:				
			Network Configuration including	principles & processes, Cisco equipment,				
		BA/BS - Computer	demonstrated Project Management (PM)	VPN, Wireless; Security: AD policies,				
	Network	Science (CS) or	skills and acting as project lead (PL) on	groups, security realms, file security by OS		All Band 6 Technical Analyst aptitude criteria + the	All band 6 Technical Analyst behavior criteria +	
7 level 1	Analyst	related field	multiple occasions	and DB	All band 6 Technical Analyst duties + the following:	following:	the following:	Advanced Training on Managing Teams
				OL L. W. CLADE W. W.				
				Clear understanding of MDT application				
1				and technology needs, minimally at the	Provides guidance, mentoring support for band 5	Experience that clearly demonstrates execution of Band 6	Delivered critical technology implementation	
					Provides guidance, mentoring support for band 5 and 6 technical staff	Experience that clearly demonstrates execution of Band 6 Technical Analyst Duties as defined above.		More thorough Requirements Analysis
				and technology needs, minimally at the				More thorough Requirements Analysis
			7-8 years of technical data center	and technology needs, minimally at the				More thorough Requirements Analysis
			•	and technology needs, minimally at the tactical (versus strategic) level. Detailed knowledge and skills in either	and 6 technical staff			More thorough Requirements Analysis
			operations/systems management	and technology needs, minimally at the tactical (versus strategic) level. Detailed knowledge and skills in either Database, Network or Security such as the	and 6 technical staff			More thorough Requirements Analysis
		Associates degree in	operations/systems management experience and specific skills in one or	and technology needs, minimally at the tactical (versus strategic) level. Detailed knowledge and skills in either Database, Network or Security such as the individual represents the most	and 6 technical staff			More thorough Requirements Analysis
			operations/systems management experience and specific skills in one or more areas; such as: Security, Database,	and technology needs, minimally at the tactical (versus strategic) level. Detailed knowledge and skills in either Database, Network or Security such as the individual represents the most knowledgeable source of technology	and 6 technical staff Performs Analysis/Design (upgrades in current	Technical Analyst Duties as defined above.	projects on time and with minimal difficulties	<u> </u>
		Associates degree in CS	operations/systems management experience and specific skills in one or	and technology needs, minimally at the tactical (versus strategic) level. Detailed knowledge and skills in either Database, Network or Security such as the individual represents the most knowledgeable source of technology information for MDT on that topic.	and 6 technical staff Performs Analysis/Design (upgrades in current technology and impacts of the options)	Technical Analyst Duties as defined above. Proven technical an/or project lead on small projects	projects on time and with minimal difficulties Complex Problem Solving	Presentation Training
			operations/systems management experience and specific skills in one or more areas; such as: Security, Database,	and technology needs, minimally at the tactical (versus strategic) level. Detailed knowledge and skills in either Database, Network or Security such as the individual represents the most knowledgeable source of technology	and 6 technical staff Performs Analysis/Design (upgrades in current	Technical Analyst Duties as defined above.	projects on time and with minimal difficulties	<u> </u>
			operations/systems management experience and specific skills in one or more areas; such as: Security, Database, Network Configuration; PM & PL skills	and technology needs, minimally at the tactical (versus strategic) level. Detailed knowledge and skills in either Database, Network or Security such as the individual represents the most knowledgeable source of technology information for MDT on that topic.	and 6 technical staff Performs Analysis/Design (upgrades in current technology and impacts of the options) Performs complex scoping assignments	Technical Analyst Duties as defined above. Proven technical an/or project lead on small projects	projects on time and with minimal difficulties Complex Problem Solving	Presentation Training
			operations/systems management experience and specific skills in one or more areas; such as: Security, Database, Network Configuration; PM & PL skills 7-8 years of technical data center	and technology needs, minimally at the tactical (versus strategic) level. Detailed knowledge and skills in either Database, Network or Security such as the individual represents the most knowledgeable source of technology information for MDT on that topic. Knowledge of at least 3 scripting tools	and 6 technical staff Performs Analysis/Design (upgrades in current technology and impacts of the options) Performs complex scoping assignments Leads medium to large projects and critical projects	Proven technical an/or project lead on small projects Successful resolutions when on-call.	projects on time and with minimal difficulties Complex Problem Solving	Presentation Training
			operations/systems management experience and specific skills in one or more areas; such as: Security, Database, Network Configuration; PM & PL skills 7-8 years of technical data center operations/systems management	and technology needs, minimally at the tactical (versus strategic) level. Detailed knowledge and skills in either Database, Network or Security such as the individual represents the most knowledgeable source of technology information for MDT on that topic. Knowledge of at least 3 scripting tools Understanding of the basic relationship	and 6 technical staff Performs Analysis/Design (upgrades in current technology and impacts of the options) Performs complex scoping assignments Leads medium to large projects and critical projects focusing on true business requirements gathering to	Proven technical an/or project lead on small projects Successful resolutions when on-call.	projects on time and with minimal difficulties Complex Problem Solving	Presentation Training
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		CS Non-related Bachelor	operations/systems management experience and specific skills in one or more areas; such as: Security, Database, Network Configuration; PM & PL skills 7-8 years of technical data center operations/systems management experience and specific skills in one or more areas; such as: Security, Database,	and technology needs, minimally at the tactical (versus strategic) level. Detailed knowledge and skills in either Database, Network or Security such as the individual represents the most knowledgeable source of technology information for MDT on that topic. Knowledge of at least 3 scripting tools Understanding of the basic relationship between the different architectures and their impact on each other - within MDT	and 6 technical staff Performs Analysis/Design (upgrades in current technology and impacts of the options) Performs complex scoping assignments Leads medium to large projects and critical projects focusing on true business requirements gathering to insure the proposed solution is indeed the best solution; Provides time and resource estimates for	Proven technical an/or project lead on small projects Successful resolutions when on-call. Position papers developed and subsequent meetings (discussions) identified a course of action that was	Complex Problem Solving Influence and Persuasion Provide leadership role in ISD process	Presentation Training Quality Assurance
		CS	operations/systems management experience and specific skills in one or more areas; such as: Security, Database, Network Configuration; PM & PL skills 7-8 years of technical data center operations/systems management experience and specific skills in one or	and technology needs, minimally at the tactical (versus strategic) level. Detailed knowledge and skills in either Database, Network or Security such as the individual represents the most knowledgeable source of technology information for MDT on that topic. Knowledge of at least 3 scripting tools Understanding of the basic relationship between the different architectures and	and 6 technical staff Performs Analysis/Design (upgrades in current technology and impacts of the options) Performs complex scoping assignments Leads medium to large projects and critical projects focusing on true business requirements gathering to insure the proposed solution is indeed the best	Proven technical an/or project lead on small projects Successful resolutions when on-call. Position papers developed and subsequent meetings (discussions) identified a course of action that was implemented by the division	Complex Problem Solving Influence and Persuasion Provide leadership role in ISD process	Presentation Training
		CS Non-related Bachelor	operations/systems management experience and specific skills in one or more areas; such as: Security, Database, Network Configuration; PM & PL skills 7-8 years of technical data center operations/systems management experience and specific skills in one or more areas; such as: Security, Database,	and technology needs, minimally at the tactical (versus strategic) level. Detailed knowledge and skills in either Database, Network or Security such as the individual represents the most knowledgeable source of technology information for MDT on that topic. Knowledge of at least 3 scripting tools Understanding of the basic relationship between the different architectures and their impact on each other - within MDT	and 6 technical staff Performs Analysis/Design (upgrades in current technology and impacts of the options) Performs complex scoping assignments Leads medium to large projects and critical projects focusing on true business requirements gathering to insure the proposed solution is indeed the best solution; Provides time and resource estimates for	Proven technical an/or project lead on small projects Successful resolutions when on-call. Position papers developed and subsequent meetings (discussions) identified a course of action that was implemented by the division Broad and DEEP level of understanding regarding	Complex Problem Solving Influence and Persuasion Provide leadership role in ISD process	Presentation Training Quality Assurance
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		CS Non-related Bachelor	operations/systems management experience and specific skills in one or more areas; such as: Security, Database, Network Configuration; PM & PL skills 7-8 years of technical data center operations/systems management experience and specific skills in one or more areas; such as: Security, Database,	and technology needs, minimally at the tactical (versus strategic) level. Detailed knowledge and skills in either Database, Network or Security such as the individual represents the most knowledgeable source of technology information for MDT on that topic. Knowledge of at least 3 scripting tools Understanding of the basic relationship between the different architectures and their impact on each other - within MDT	and 6 technical staff Performs Analysis/Design (upgrades in current technology and impacts of the options) Performs complex scoping assignments Leads medium to large projects and critical projects focusing on true business requirements gathering to insure the proposed solution is indeed the best solution; Provides time and resource estimates for project completion Presents designs, including prototypes as applicable	Proven technical an/or project lead on small projects Successful resolutions when on-call. Position papers developed and subsequent meetings (discussions) identified a course of action that was implemented by the division Broad and DEEP level of understanding regarding business divisions and their use of ISD provided technology and applications; SPECIFIC understanding of	Complex Problem Solving Influence and Persuasion Provide leadership role in ISD process improvement activities	Presentation Training Quality Assurance Business Process Analysis
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		Non-related Bachelor Degree Non-related Associates Degree	operations/systems management experience and specific skills in one or more areas; such as: Security, Database, Network Configuration; PM & PL skills 7-8 years of technical data center operations/systems management experience and specific skills in one or more areas; such as: Security, Database, Network Configuration; PM & PL skills 9-10 years of technical data center operations/systems management experience and specific skills in one or more areas; such as: Security, Database, Network Configuration; PM & PL skills 11 or more years of technical data center operations/systems management experience and specific skills in one or more areas; such as: Security, Database, normalized management experience and specific skills in one or more areas; such as: Security, Database,	and technology needs, minimally at the tactical (versus strategic) level. Detailed knowledge and skills in either Database, Network or Security such as the individual represents the most knowledgeable source of technology information for MDT on that topic. Knowledge of at least 3 scripting tools Understanding of the basic relationship between the different architectures and their impact on each other - within MDT	Performs Analysis/Design (upgrades in current technology and impacts of the options) Performs complex scoping assignments Leads medium to large projects and critical projects focusing on true business requirements gathering to insure the proposed solution is indeed the best solution; Provides time and resource estimates for project completion Presents designs, including prototypes as applicable to IS staff and management Performs Business Process Analysis & makes recommended improvements within ISD Designs/architects network design and/or database design Conducts complex database performance and tuning - SQL and/or Oracle; Systems upgrades including test plan preparation, directing junior staff	Proven technical an/or project lead on small projects Successful resolutions when on-call. Position papers developed and subsequent meetings (discussions) identified a course of action that was implemented by the division Broad and DEEP level of understanding regarding business divisions and their use of ISD provided technology and applications; SPECIFIC understanding of at least 1 business division's technology functions Understand SAN and other storage technologies, keep abreast of new hardware, software and emerging O/S, network and database technologies for possible MDT use	Complex Problem Solving Influence and Persuasion Provide leadership role in ISD process improvement activities Team Building Clear understanding of ISD and ITSD policies, procedures and business processes Ability to estimate change impacts in terms of triple constraints (time, \$\$, resources) & business effect Understands MDT's roles and relationships	Presentation Training Quality Assurance Business Process Analysis Influencing Others Caliper testing to identify if interested and the aptitude exists to advance in Management or Higher Technical ladder for future growth ITIL training
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		Non-related Bachelor Degree Non-related Associates Degree	operations/systems management experience and specific skills in one or more areas; such as: Security, Database, Network Configuration; PM & PL skills 7-8 years of technical data center operations/systems management experience and specific skills in one or more areas; such as: Security, Database, Network Configuration; PM & PL skills 9-10 years of technical data center operations/systems management experience and specific skills in one or more areas; such as: Security, Database, Network Configuration; PM & PL skills 11 or more years of technical data center operations/systems management experience and specific skills in one or more areas; such as: Security, Database, normalized management experience and specific skills in one or more areas; such as: Security, Database,	and technology needs, minimally at the tactical (versus strategic) level. Detailed knowledge and skills in either Database, Network or Security such as the individual represents the most knowledgeable source of technology information for MDT on that topic. Knowledge of at least 3 scripting tools Understanding of the basic relationship between the different architectures and their impact on each other - within MDT	Performs Analysis/Design (upgrades in current technology and impacts of the options) Performs complex scoping assignments Leads medium to large projects and critical projects focusing on true business requirements gathering to insure the proposed solution is indeed the best solution; Provides time and resource estimates for project completion Presents designs, including prototypes as applicable to IS staff and management Performs Business Process Analysis & makes recommended improvements within ISD Designs/architects network design and/or database design Conducts complex database performance and tuning - SQL and/or Oracle; Systems upgrades including test plan preparation, directing junior staff	Proven technical an/or project lead on small projects Successful resolutions when on-call. Position papers developed and subsequent meetings (discussions) identified a course of action that was implemented by the division Broad and DEEP level of understanding regarding business divisions and their use of ISD provided technology and applications; SPECIFIC understanding of at least 1 business division's technology functions Understand SAN and other storage technologies, keep abreast of new hardware, software and emerging O/S, network and database technologies for possible MDT use	Complex Problem Solving Influence and Persuasion Provide leadership role in ISD process improvement activities Team Building Clear understanding of ISD and ITSD policies, procedures and business processes Ability to estimate change impacts in terms of triple constraints (time, \$\$, resources) & business effect Understands MDT's roles and relationships	Presentation Training Quality Assurance Business Process Analysis Influencing Others Caliper testing to identify if interested and the aptitude exists to advance in Management or Higher Technical ladder for future growth ITIL training Further Change Management training

					Aids in the determination of ISD architecture (both			Management related training if choose management
					apps and ops)			nath
					Estimates change impacts in terms of time and			paul
					resources and lost benefit			Advanced Project Management
					Performs routine maintenance on all servers			Advanced i Toject Ivianayement
					maintaining O/S knowledge (VMS, Linux, Windows)			
					including unique features.			
					Performs Risk Management			
					Provides prioritization recommendations regarding			
					technology, based on business need.			
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
					Plans, coordinates & implements network and/or			
					security measures to protect data, software &			
					hardware - including wireless and firewall concerns			
					Reviews recommended changes to improve			
					systems and network configs and determines go/no			
					go decision, presents to management			
					Confers with other higher level analysts (outside of			
					MDT) regarding best practices, how to jointly solve			
					problems			
					B : I I I I I I I I I I I I I I I I I I			
					Provides leadership and accountability for MDT's AD			
					(Active Directory) environment (domain controllers, etc. for authentication) and SAN environment			
					, , ,			
					Develops change management procedures for various technical specialties; documents the			
					processes/procedures			
					Designs, implements and leads the testing of			
					department level disaster recovery scenarios			
					Addresses AD security, fault tolerance and policy			
					design			
					9			
Band	Position	Education	Minimum Experience	<u>Technology</u>	<u>Duties</u>	Aptitude Criteria To Qualify For Position	Behavior Criteria To Achieve in Current Job	Recommended Training for Current Job
			7-8years of general technical data center					
			operations/systems management	Require knowledge of technology in use at				
			experience and specific skills in two or	MDT. Currently Database: Oracle, SQL;				
				OS: VMS, Linux, Windows 2003; Network:				
		DA/DC C-:	Network Configuration including extensive					
	Network		Project Management (PM) skills and	VPN, Wireless; Security: AD policies,		All Bond 7 Toobnical Analyst antitude suitania the	All Bond 7 Toohnical Analyst had a day of	
7100011	Network			groups, security realms, file security by OS and DB			All Band 7 Technical Analyst behavioral criteria +	
7 Level II	Analyst	related field	difficult and/or sensitive projects		All Band 7 Technical Analyst Duties + Provides mentoring to all within ISD on areas of	following:	the following	Leadership Training
					expertise; shares knowledge gained at technology	Experience that clearly demonstrates execution of Band 7	Successfully fulfills management duties when	
				and tactical levels.	conferences	, ,	direct line supervisor is out of the office.	Managing contracts/writing RFP's etc.
							and the supervisor is sat or the orner.	gg contractor mining rain o oto.
			9-10 years of general technical data center	Detailed knowledge and skills in two of				
			operations/systems management	three critical areas: Database, Network, or				
			experience and specific skills in two or	Security such as the individual represents				Attends technology conferences for new directions as
			more areas; such as: Security, Database,	the most knowledgeable source of				well as additional ideas for current technology, learns
		Associates degree in	Network Configuration including extensive		Provides impact analysis for all technology projects	Proven Project Management Experience for large, critical,		new technology and establishes training needs for
		CS	PM & PL skills (see above)	topics.	impacting more than one division	and/or complex projects	Works with all ISD Applications teams	MDT ISD Systems/Operations Team.
					Performs R&D (Research and Development			
					activities) on both technology and tools, completing			
					impact analysis /cost benefit analysis as it relates to			
				when detail is needed.	meeting strategic initiatives	Proven Business Analysis Experience	Successful resolution of performance problems	Disaster recovery and COOP training
			0.40					
			9-10 years of general technical data center					
			operations/systems management		Established technology standards for MDT in all "			
			experience and specific skills in two or	Has big picture understanding of	Establishes technology standards for MDT including documentation standards within the Systems and			
		Non-rolated Pachalara		Has big picture understanding of	Operations team; Plays a critical role in all related	Proven Team Lead on large and or critical technology		
		Degree	Network Configuration including extensive PM & PL skills (see above)	processes, procedures and activities	ISD Policy and Procedure development	Proven Team Lead on large and or critical technology implementation efforts	Initiative	Strategic Planning
		Degree	I WICE I L SKIIIS (SEE ADOVE)	processes, procedures and activities		Able to provide traceability matrices for all system changes		on atogre i farming
					it relates to systems and infrastructure; determine	(upgrades, new installations etc.); including the ability to		
					technology prioritization in conjunction with	successfully identify business, functional and technical		
					management		Change Agent	IEEE training
						-p	9 9	
			11-12 years of general technical data					
			center operations/systems management					
			experience and specific skills in two or					
			more areas; such as: Security, Database,		Provides technical leadership in two of three areas:			
1		Non-related	Network Configuration including extensive		Network/Security and/or Database; completing the	Provides liaison services between sys/ops staff and the		
						The contract of the contract of the contract of the contract of	Judgment/Decisiveness	
		Associates Degree	PM & PL skills (see above)		more difficult technical tasks in these arenas	business community when required.	Judgitietii/Decisiveriess	
		Associates Degree	PM & PL skills (see above)			, i	oudgment/ Decisiveness	
		Associates Degree	PM & PL skills (see above)		Identifies all needed documentation for the execution	, i	Judgment/Decisiveness	
		Associates Degree	PM & PL skills (see above)				Mentoring Abilities and Experience	

	13 or more years of technical data center operations/systems management experience and specific skills in two or more areas; such as: Security, Database,	Identifies needed technical training for the team; provides OJT as appropriate and works with		
No Degree	Network Configuration; PM & PL skills	management to suggest other opportunities	Strategic Thinking and Planning	
. 10 2 ag. 00	rtettett garatett, i mar 2 grane	Effectively acts as Data Center Manager; plotting out	etalogicig and .ia.i.i.i.g	
		any relocation, addition of equipment, etc.	Contract Management	
		Owns the physical piece of Disaster Recovery and all necessary documentation' performs the testing.		
		Is an involved member in cross-Agency technical committees; interacts with the public and the federal government representatives as appropriate.		
		Critical member of the ISD Strategic Direction committee helps define vision; identifies timelines, goals that would ensure the implementation of all approved technology initiatives		
		Completes impact analysis responses for management regarding technology changes proposed by ITSD or the legislature as well as by our own organization		
		Provides Program Management support of related projects led by others.		
		Act as vendor liaison as appropriate handling contract front end activities		